

Migrant Lepidoptera species in Bulgaria, 1994

(Insecta, Lepidoptera)

by

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Data for 73 Lepidoptera species mentioned as migratory ones in EITSCHBERGER et al. (1991), collected or observed in Bulgaria by the authors and some other collectors during the year 1994, are reported. For most of the specimens the number and the sex of the collected insects is given where possible. The biggest part of the specimens have been collected in the "Kalimok" Research Station of the Institute of Zoology, The Bulgarian Academy of Sciences, situated on the Danube River, near to Nova Tchernia Village, Tutrakan Region in northern Bulgaria. Almost all of the specimens reported from this place have been collected by the second author (D. VASSILEV). Because he is an amateur in the field of butterflies and moths, he collected all the observed specimens. The material from the "Kalimok" Research Station had been collected almost every day and night, during the stay of VASSILEV at the station (from the beginning of the year to the second half of August). After the second half of August very few specimens had been collected. The moths had been collected using light traps; common light bulb in the beginning of the year; 400 W Hg-lamp in the spring, and 125 W Hg-lamp from May to the end of the year. All specimens reported here from "Kalimok" were pinned and later determined in Sofia. The closely related species such as *Amphipyra pyramidea/berbera*, *Lampra fimbriata/tirrenica* and some Microlepidoptera species were determined for accuracy by genitalia by S. BESHKOV.

From other parts of the country moths had been collected with lamps and "sugaring". For "sugaring" red wine and sugar 1:1 had been used. The methods for collecting almost all of the specimens are mentioned in the text. The data are given in chronological order. The systematic order of the families and within the families, except for Noctuidae, follows LERAUT (1980) and ANE (1988). The systematics of the family Noctuidae are given according to FIBIGER & HACKER (1990).

There are not many conclusions we can make on the basis of the collected data. Good results in the studies of the migratory Lepidoptera species can be achieved only with the cooperation of all the researchers in that field. The only definite migration we have established was on the Southern Black-Sea Coast in October—many species in high numbers showing typical migrating behaviour. Other migrating roads probably reached Sofia and East Rhodopi Mt, but some future research is needed. Some data for a migration concerning mainly *Autographa gamma* in SW Bulgaria, Kresna Gorge as well as the region near Plovdiv Town (together with grasshoppers) for late spring and early summer has appeared in one newspaper. We do not know the origin of this data and we consider doubtful.

Family Pyralidae

Aporodes floralis (HÜBNER, 1785)

"Kalimok" Research Station on the Danube River near Nova Tchernia Village, Tutrakan Region:

17.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

20.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

Palpita unionalis (HÜBNER, 1796)

SW Bulgaria, Kresna Gorge, Stara Kresna Railway Station:

28.X. – 2 specimens, S. BESHKOV & I. STOYCHEV leg. on 400 W Hg-lamp.

Ostrinia nubilalis (HÜBNER, 1796)

"Kalimok" Research Station on the Danube River near Nova Tchernia Village, Tutrakan Region:

13.V. – 1 female specimen, D. VASSILEV leg.

15.V. – 1 female specimen, D. VASSILEV leg.

12.VIII.–12.IX. – 2 males and 1 female, P. ZEHTINDZHIEV leg on 125 W Hg-lamp.

Udea ferrugalis (HÜBNER, 1796)

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 1 female, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 1 female, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – 1 male, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

Sofia:

27.IX. – S. BESHKOV leg.

28.IX. – S. BESHKOV leg..

Black Sea Coast, Sinemoretz Village:

15.–16.X. – some specimens, S. BESHKOV leg. on 400 W Hg-lamp.

Black Sea Coast, Carevo (Michurin) Town:

17.X. – several specimens, S. BESHKOV leg. on 400 W Hg-lamp.

SW Bulgaria, Kresna Gorge, Stara Kresna Railway Station:

28.X. – many specimens, S. BESHKOV & I. STOYCHEV leg. on 400 W Hg-lamp.

Nomophila noctuella ([DENIS & Schiffermüller], 1775)

SW Bulgaria, Kresna Gorge, Peyo Yavorov Railway Station:

11.V. – S. BESHKOV observed on day.

Plovdiv Town:

19.IX. – 1 specimen, S. BESHKOV & V. TSCHIKOLOWEZ observed on a tungsten lamp.

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 7 males and 19 females, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp and observed on day.

East Rhodopi Mt., Kroumovgrad Town:

21.IX. – many specimens, S. BESHKOV & V. TSCHIKOLOWEZ observed on day.

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 51 females and 17 males, S. BESHKOV & V. TSCHIKOWEY leg. on 400 W Hg-lamp.

East Rhodopi Mt., between Koulich Village and the bridge on the Arda River near to Kotlari Village:

22.IX. – many specimens, S. BESHKOV & V. TSCHIKOWEY observed on day.

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – more than 60 specimens, S. BESHKOV & V. TSCHIKOWEY leg. on 400 W Hg-lamp.

Black Sea Coast, Sinmoretz Village:

15–16.X. – some specimens, S. BESHKOV leg. on 400 W Hg-lamp and in big number on day.

Black Sea Coast, Carevo (Michurin) Town:

17.X. – many specimens, S. BESHKOV leg. on 400 W Hg-lamp.

***Actenia brunnealis* (TREITSCHKE, 1829)**

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – 1 male specimen, S. BESHKOV & V. TSCHIKOWEY leg. on 400 W Hg-lamp.

Family Papilionidae

***Iphiclides podalirius* (Linnaeus, 1758)**

Sofia:

06.VII. – 1 specimen, S. BESHKOV observed.

07.VII. – 1 specimen, S. BESHKOV observed.

Opletinja Village near Lakatnik Railway Station, Iskar Gorge:

25.IX. – 1 pupa, V. BESHKOV leg., emerged on 22.III.1995 in a room in Sofia.

Sofia:

04.X. – 1 specimen, S. BESHKOV observed.

***Papilio machaon* LINNAEUS, 1758**

SW Bulgaria, Volcanic Hill of Kozhuh near Petrich Town:

12.V. – 1 specimen, S. BESHKOV observed.

“Kalimok” Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

21.VI. – 1 female, D. VASSILEV leg.

Iskretz Village near Svoje Town, Sofia Region:

23.VI. – 1 specimen, S. BESHKOV observed.

“Kalimok” Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

29.VII. – 1 female, D. VASSILEV leg.

East Rhodopi Mt., between Koulich Village and the bridge on the Arda river near to Kotlari Village:

22.IX. – 1 specimen, S. BESHKOV & V. TSCHIKOWEY observed.

Family Pieridae

Aporia crataegi (LINNAEUS, 1758)

SW Bulgaria, Volcanic Hill of Kozhuh near Petrich Town:

12.V. – numerous specimens, S. BESHKOV observed.

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV observed.

Pieris rapae (LINNAEUS, 1758)

Black Sea Coast, between Ravda and Nessebar, 2 km. south of Nessebar:

01.I. – one pupa, BESHKOV leg., emerged 1 female specimen at 13.III.1994 in a room in Sofia.

04.II. – 2 pupae, D. VASSILEV leg., in one of them pupa of Tachinidae (*Compsibura concinnata* MEIG.) female, (Zd. HUBENOV det.). The second one (female) emerged on February 26, 1994 in a room in Sofia.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

14.–15.III. – 1 male, D. VASSILEV leg.

12.VI. – 2 males, D. VASSILEV leg.

14.VI. – 1 male and 2 females, D. VASSILEV leg.

21.VI. – 1 male, D. VASSILEV leg.

22.VI. – 1 male, D. VASSILEV leg.

23.VI. – 1 female and 1 male, D. VASSILEV leg.

25.VI. – 1 male, D. VASSILEV leg.

Resseletz Village, Tchernven Bryag Region:

16.–22.VII. – 1 male, N. KODZHABASHEV leg.

Black Sea Coast, Ahtopol Town:

15.X. – several specimens, S. BESHKOV observed.

Pieris napi (LINNAEUS, 1758)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

12.VI. – one female specimen, D. VASSILEV leg.

14.VI. – 2 females, D. VASSILEV leg.

22.VI. – 1 male, D. VASSILEV leg.

24.VI. – 1 male specimen, D. VASSILEV leg.

Pieris brassicae (LINNAEUS, 1758)

Black Sea Coast, between Ravda and Nessebar, 2 km south of Nessebar:

09.II. – 8 pupas, two of them dead, D. VASSILEV leg. Emerged in a room in Sofia: One male on 16.II.1994; one female on 18.II.1994; one male on 20.II.1994; one female on 21.II.1994; two males on 23.II.1994.

East Rhodopi Mt. Siv Kladenetz Village, Ivailovgrad Region:

19.III. – S. BESHKOV & S. ABADJIEV observed.

Sakar Mt, above Dossiteevo Village:

20.III. – S. BESHKOV & S. ABADJIEV observed.

Kaloferska Stara Planina Mt. under Levski Top, 2150 m:

19.VII. – 1 male, S. BESHKOV observed.

Kaloferska Stara Planina Mt., under Koupena Top, 2100 m:

19.VII. – 1 male, S. BESHKOV observed.

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – several specimens, S. BESHKOV & V. TSCHIKOLOWEZ observed.

East Rhodopi Mt., near Zvezdelina Village:

21.IX. – single specimen, S. BESHKOV & V. TSCHIKOLOWEZ observed.

East Rhodopi Mt., between Koulich Village and the bridge on the Arda river near to Kotlari Village:

22.IX. – several specimens, S. BESHKOV & V. TSCHIKOLOWEZ observed.

Black Sea Coast, Sinemoretz Village:

15.X. – two pupae on a wall, S. BESHKOV leg., one of them emerged on 18.X.1994 in Sofia, the second one died.

Pontia edusa (FABRICIUS, 1777)

East Rhodopi Mt. Siv Kladenetz Village, Ivailovgrad Region:

19.III. – S. BESHKOV & S. ABADJIEV observed.

Sakar Mt, above Dossiteevo v.:

20.III. – S. BESHKOV & S. ABADJIEV observed.

Kresna Gorge, Peyo Yavorov Railway Station:

11.V. – 1 female specimen, S. BESHKOV observed.

Volcanic Hill of Kozhuh near Petrich Town, SW Bulgaria:

12.V. – numerous specimens, S. BESHKOV observed.

N Bulgaria, between Novo Selo and Shumentzi Villages, Tutrakan Region:

19.VI. – 1 female, D. VASSILEV leg.

Sofia, Mladost Iv H.E.:

20.VI. – S. BESHKOV observed.

23.VI. – S. BESHKOV observed.

N Bulgaria, between Novo Selo and Shumentzi Villages, Tutrakan Region:

26.VI. – 1 female and 2 males, D. VASSILEV leg.

East Rhodopi Mt., near Zvezdelina v.:

Resseletz Village, Tcherven Bryag Region:

16.–22.VII. – 1 male and 1 female, N. KODZHABASHEV leg.

21.IX. – several specimens, S. BESHKOV & V. TSCHIKOLOWEZ observed.

East Rhodopi Mt., Kroumovgrad Town:

21.IX. – S. BESHKOV & V. TSCHIKOLOWEZ observed.

East Rhodopi Mt., between Koulich Village and the Arda river bridge near to Kotlari Village:

22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ observed.

Sofia:

01.X. – one male and one female in a nuptial flight, S. BESHKOV observed.

Black Sea Coast, Ahtopol:

15.X. – one specimen, S. BESHKOV observed.

Pontia chloridice (HÜBNER, [1808–1813])

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 1 male specimen, S. BESHKOV & V. TSCHIKOLOWEZ observed.

Colias crocea (GEOFFROY, 1785)

East Rhodopi Mt. Siv Kladenetz v., Ivailovgrad Region:

19.III. – a lot of small specimens from a spring generation, S. BESHKOV & S. ABADJIEV leg.

Sakar Mt, above Dossiteevo Village:

20.III. – many specimens, S. BESHKOV & S. ABADJIEV observed.

Kresna Gorge, Peyo Yavorov Railway Station:

11.V. – several male specimens, S. BESHKOV observed.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

14.VI. – 2 males, D. VASSILEV leg.

Sofia, Mladost IV H.E.:

20.VI. – 7 migrating male specimens, S. BESHKOV observed in direction North-South in fast flight between 16:00–16:15 in a front of 100 m, slight wind from East to West.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

22.VI. – 1 female, D. VASSILEV leg.

23.VI. – 2 females and 4 males, D. VASSILEV leg.

24.VI. – 1 female and 5 males, D. VASSILEV leg.

25.VI. – 1 male, D. VASSILEV leg.

30.VI. – 1 male, D. VASSILEV leg.

East Rhodopi Mt., near Zvezdelina v.:

21.IX. – several specimens, S. BESHKOV & V. TSCHIKOLOWEZ observed.

East Rhodopi Mt., Kroumovgrad Town:

21.IX. – several specimens, S. BESHKOV & V. TSCHIKOLOWEZ observed.

East Rhodopi Mt., between Koulich Village and the bridge on the Arda river near to Kotlari Village:

22.IX. – several specimens, S. BESHKOV & V. TSCHIKOLOWEZ observed.

Sofia:

09.X.1994, 1 male.

Black Sea Coast, Burgass Town:

15.X. – many specimens, S. BESHKOV observed.

Black Sea Coast, Carevo (Mochurin) Town:

15.X. – many specimens, S. BESHKOV observed.

Black Sea Coast, Ahtopol Town:

15.X. – many specimens, S. BESHKOV observed.

Black Sea Coast, Sinemoretz Village:

15.X. – many specimens, S. BESHKOV observed.

Colias erate (ESPER, 1805)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

14.VI. – 2 males, D. VASSILEV leg.

23.VI. – 1 male, D. VASSILEV leg.

Gonepteryx rhamni (LINNAEUS, 1758)

Beledie Han, near Lyulyaka Chalet, Kostinbrod Region:

02.III. – 3 males specimens, S. BESHKOV observed.

East Rhodopi Mt. Siv Kladenetz v., Ivailovgrad Region:

19.III. – 4 male specimens, S. BESHKOV & S. ABADJIEV leg.

Family Nymphalidae

Subfamily Nymphalinae

Nymphalis polychloros (LINNAEUS, 1758)

East Rhodopi Mt. Yazovir Ivailovgrad dam, Arda Chalet near to Dabovetz Village, 200 m:

19.III. – several specimens, S. BESHKOV & S. ABADJIEV observed.

Sakar Mt, above Dossiteevo Village:

20.III. – several specimens, S. BESHKOV & S. ABADJIEV observed.

East Rhodopi Mt. Siv Kladenetz Village, Ivailovgrad Region:

22.–23.V. – one dead dry pupa with parasitoids on a wall of a building, S. BESHKOV leg.

Black Sea Coast, Sinemoretz Village:

15.X. – near 20 pupas on a wall of a building, all of them died, with parasitoids.

Nymphalis antiopa (LINNAEUS, 1758)

East Rhodopi Mt. Siv Kladenetz Village, Ivailovgrad Region:

19.III. – single specimen, S. BESHKOV & S. ABADJIEV leg.

Sakar Mt, above Dossiteevo Village:

20.III. – single specimen, S. BESHKOV & S. ABADJIEV leg.

Sofia, Mladost IV H.E.:

23.VI. – single specimen, S. BESHKOV observed.

Inachis io (LINNAEUS, 1758)

East Rhodopi Mt. Siv Kladenetz v., Ivailovgrad Region:

19.III. – several specimens, S. BESHKOV & S. ABADJIEV leg.

Sakar Mt, above Dossiteevo v.:

20.III. – several specimens, S. BESHKOV & S. ABADJIEV leg.

Kaloferska Stara Planina Mt., under Levski Top, 2150 m:

19.VII. – 1 specimen, S. BESHKOV observed.

Vanessa atalanta (LINNAEUS, 1758)

East Rhodopi Mt. Siv Kladenetz v., Ivailovgrad Region:

19.III. – S. BESHKOV & S. ABADJIEV leg.

Volcanic Hill of Kozhuh near Petrich Town, SW Bulgaria:

12.V. – S. BESHKOV observed.

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV observed.

Iskretz Village near Svoje Town, Sofia district:

18.VI. – single specimen, S. BESHKOV observed.

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – S. BESHKOV & V. TSCHIKOWEZE observed.

Black Sea Coast, Sinemoretz Village:

15.–16.X. – several specimens, S. BESHKOV observed.

Cynthia cardui (LINNAEUS, 1758)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

14.IV. – 1 male, D. VASSILEV leg.

12.VI. – 1 male and 1 female, D. VASSILEV leg.

14.VI. – 1 female, D. VASSILEV leg.

20.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

21.VI. – 1 male, D. VASSILEV leg.

Black Sea Coast, Ahopol Town:

15.X. – several specimens, S. BESHKOV observed.

Aglais urticae (LINNAEUS, 1758)

Lyulyaka Chalet near to Beledie Han Village, Kostinbrod Region:

02.III. – 1 specimen, S. BESHKOV observed.

East Rhodopi Mt. Siv Kladenetz v., Ivailovgrad Region:

19.III. – S. BESHKOV & S. ABADJIEV observed.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

14.IV. – 1 female, D. VASSILEV leg.

Kresna Gorge, Peyo Yavorov Railway Station:

11.V. – S. BESHKOV observed.

SW Bulgaria, between Lozinitza and Hotovo Villages:

12.V. – S. BESHKOV observed.

Volcanic Hill of Kozhuh near Petrich Town, SW Bulgaria:

12.V. – S. BESHKOV observed.

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 1 female specimen in a diapause, hibernating in a room in the Chalet, S. BESHKOV observed.

Kaloferska Stara Planina Mt., under Levski Top, 2150 m:

19.VII. – several specimens, S. BESHKOV observed.

Rila Mt., Rilski Ezera Chalet, 2200 m:

22.VIII. – approximately 30 pupas on the wall of the Chalet, collected 15 of them, one emerged on 23.VIII.1994, all the rest with parasitoids Hymenoptera, emerged between 23–30.VIII.1994, ANDREI ANTOV leg.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

12.VIII.–12.IX. – 1 female, P. ZEHTINDZHIEV leg.

Polygonia c-album (LINNAEUS, 1758)

East Rhodopi Mt. Yazovir Ivailovgrad dam, Arda Chalet near to Dabovetz Village, 200 m:

19.III. – S. BESHKOV & S. ABADJIEV observed.

East Rhodopi Mt. Siv Kladenetz v., Ivailovgrad Region:

19.III. – S. BESHKOV & S. ABADJIEV observed.

Resseletz Village, Tcherven Bryag Region:
16.–22.VII. – 1 female, N. KODZHABASHEV leg.

Issoria lathonia (LINNAEUS, 1758)

Iskar Valley, "Kokalyane" near Sofia Town:

27.II. – 1 specimen, I. STOYCHEV observed:

East Rhodopi Mt. Yazovir Ivailovgrad dam, Arda Chalet near to Dabovetz Village, 200 m:

19.III. – S. BESHKOV & S. ABADJIEV observed.

East Rhodopi Mt. Siv Kladenetz v., Ivailovgrad Region:

19.III. – many very small specimens, probably from a spring generation, S. BESHKOV & S. ABADJIEV observed.

Sakar Mt, above Dossiteevo v.:

20.III. – S. BESHKOV & S. ABADJIEV observed.

Kresna Gorge, Peyo Yavorov Railway Station:

11.V. – S. BESHKOV leg.

SW Bulgaria, between Lozinitza and Hotovo Villages:

12.V. – S. BESHKOV leg.

Volcanic Hill of Kozhuh near Petrich Town, SW Bulgaria:

12.V. – numerous specimens, S. BESHKOV leg.

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV leg.

Resseletz Village, Tcherven Bryag Region:

16.–22.VII. – 1 male, N. KODZHABASHEV leg.

Kaloferska Stara Planina Mt., under Levski Top, 2150 m:

19.VII. – many specimens, S. BESHKOV observed.

East Rhodopi Mt., near Zvezdelina v.:

21.IX. – S. BESHKOV & V. TSCHIKOLOWEZ observed.

East Rhodopi Mt., between Koulich Village and the bridge on the Arda river near to Kotlari Village:

22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ observed.

Subfamily Satyrinae

Hypparchia semele (LINNAEUS, 1758)

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg.

Subfamily Libytheinae

Libythea celtis (LAICHARTING in FUESSLY, [1782])

SW Bulgaria, Kresna Gorge, Shaitan Dere:

20.III. – 1 female specimen, B. Petrov leg.

Family Lycaenidae

Lycaena phlaeas (LINNAEUS, 1758)

Sakar Mt, above Dossiteevo v.:

20.III. – 1 fresh female specimen, S. BESHKOV & S. ABADJIEV observed.

Sofia, Mladost Iv H.E.:

23.VI. – S. BESHKOV observed.

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – many specimens, S. BESHKOV & V. TSCHIKOLOWEZ observed.

East Rhodopi Mt., between Koulich Village and the bridge on the Arda river near to Kotlari Village:

22.IX. – observed by S. BESHKOV & V. TSCHIKOLOWEZ.

Syntarucus pirthous (LINNAEUS, 1767)

East Rhodopi Mt., Kroumovgrad Town:

21.IX. – several specimens on *Rubus* sp. were observed by S. BESHKOV & V. TSCHIKOLOWEZ.

Family Geometridae

Rhodometra sacraria (LINNAEUS, 1767)

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 1 male and 1 female specimens on 400 W Hg-lamp, S. BESHKOV & V. TSCHIKOLOWEZ leg.

Orthonama obstipata (FABRICIUS, 1794)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

VI–VII. – 1 female specimen, D. VASSILEV collected.

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

Black Sea Coast, Sinemoretz:

15.–16.X. – several specimens on 400 W Hg-lamp, S. BESHKOV leg.

Black Sea Coast, Carevo (Michurin) Town:

17.X. – several specimens on 400 W Hg-lamp, S. BESHKOV leg.

Family Sphingidae

Agrius convolvuli (LINNAEUS, 1758)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

11.VI. – 1 male and 1 female on 125 W Hg-lamp, D. VASSILEV leg.

12.VI. – 1 male specimen on 125 W Hg-lamp, D. VASSILEV leg.

17.VI. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.

18.VI. – 1 female on 125 W Hg-lamp, D. VASSILEV leg.

- 22.VI. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.
30.VII. – 1 female on 125 W Hg-lamp, D. VASSILEV leg.
01.VIII. – 2 females and 1 male on 125 W Hg-lamp, D. VASSILEV leg.
02.VIII. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.
03.VIII. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.
05.VIII. – 1 female on 125 W Hg-lamp, D. VASSILEV leg.
06.VIII. – 1 male and 2 females on 125 W Hg-lamp, D. VASSILEV leg.
07.VIII. – 1 male and 1 female on 125 W Hg-lamp, D. VASSILEV leg.
08.VIII. – 2 females on 125 W Hg-lamp, D. VASSILEV leg.
09.VIII. – 1 male and 1 female on 125 W Hg-lamp, D. VASSILEV leg.
10.VIII. – 1 male and 1 female on 125 W Hg-lamp, D. VASSILEV leg.
12.VIII. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.
13.VIII. – 1 male and 1 female on 125 W Hg-lamp, D. VASSILEV leg.
12.VIII.–12.IX. – 10 males and 2 females on 125 W Hg-lamp, P. ZEHTINDZHIEV leg.
Buchino Prohod near Kostinbrod Town, Sofia Region:
02.X. – 1 female specimen resting on a lamp, V. BESHKOV leg.

Acherontia atropos (LINNAEUS, 1758)

East Rhodopi Mt., Momina Skala Chalet near to Madzharovo Town:

- 22.IX. – 1 male specimen on 400 W Hg-lamp, V. TSCHIKOLOWEZ & S. BESHKOV leg.

Hyloicus pinastris (LINNAEUS, 1758)

SW Bulgaria, Melnik Town, Sandanski Region:

- 11.V. – S. BESHKOV leg. on 125 W Hg-lamp;

Macroglossum stellatarum (LINNAEUS, 1758)

East Rhodopi Mt. Siv Kladenetz v., Ivailovgrad Region:

- 19.III. – S. BESHKOV & S. ABADJIEV observed.

Sakar Mt, above Dossiteevo v.:

- 20.III. – S. BESHKOV & S. ABADJIEV observed.

06.VI. – 1 female on 125 W Hg-lamp, D. VASSILEV leg.

07.VI. – 2 males on 125 W Hg-lamp, D. VASSILEV leg.

08.VI. – 1 female specimen on 125 W Hg-lamp, D. VASSILEV leg.

22.VI. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.

W. Bulgaria, Godech Town:

- 22.VI. – S. BESHKOV leg.

“Kalimok” Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

26.VI. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.

30.VII. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.

06.VIII. – 1 female on 125 W Hg-lamp, D. VASSILEV leg.

07.VIII. – 1 male on 125 W Hg-lamp, D. VASSILEV leg.

Milanovo Village above Lakatnik Railway Station in Iskar Gorge, 750 m:

01.X. – V. BESHKOV observed.

Black Sea Coast, Sinemoretz Village:

- 15.X. – 1 specimen on 400 W Hg-lamp, S. BESHKOV observed.

Sofia:

24.X. – 1 specimen flying in a building, I. STOYCHEV leg.

Kresna Gorge, Stara Kresna Railway Station:

28.X. – S. BESHKOV & I. STOYCHEV leg.

Hyles euphorbiae (LINNAEUS, 1758)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

06.VIII. – 1 male specimen, D. VASSILEV collected.

13.VIII. – 1 male on 125 W Hg-lamp, D. VASSILEV collected.

Hyles gallii (ROTTEMBURG, 1758)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

19.VII. – 1 female on 125 W Hg-lamp, D. VASSILEV leg.

Hyles livornica (ESPER, 1779)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

04.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Kaloferska Stara Planina Mt., Botev Top, 2376 m:

19.VII. – 1 female, S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

01.VIII. – 1 female specimen, D. VASSILEV leg. on 125 W Hg-lamp.

Family Noctuidae

Subfamily Catocalinae

Catocala sponsa (LINNAEUS, 1767)

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – S. BESHKOV & V. TSCHIKOWEZE leg. on 400 W Hg-lamp.

Catocala fraxini (LINNAEUS, 1758)

Kresna Gorge, Stara Kresna Railway Station:

28.X. – 1 male on 400 W Hg-lamp, S. BESHKOV & I. STOYCHEV leg.

Ophiusia tirhaca (CRAMER, 1777)

Troyanska Stara Planina Mt., the upper Station of the Sopot lift, 1400 m:

11.VII. – 1 forewing of a female specimen. This is the second report for this species from Bulgaria.

Prodotis stolidus (FABRICIUS, 1775)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

12.VIII. – 1 male specimen on 125 W Hg-lamp, D. VASSILEV leg.

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 1 specimen on shugaring, S. BESHKOV & V. TSHIKOLOWEZ leg.

Tyta luctuosa ([DENIS & SCHIFFERMÜLLER], 1775)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

04.V. – D. VASSILEV leg.

13.V. – 3 specimens, D. VASSILEV leg.

14.V. – 3 specimens, D. VASSILEV leg.

15.V. – 2 specimens, D. VASSILEV leg.

16.V. – 3 specimens, D. VASSILEV leg.

East Rhodopi Mts, Siv Kladenetz Village,

22.–23.V. – S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

25.–26.V. – 7 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

27.V. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

28.V. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

30.V. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

01.–02.VI. – 4 males, D. VASSILEV leg. on 125 W Hg-lamp.

03.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

04.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

07.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

08.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

10.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

11.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

14.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

15.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

17.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

21.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

22.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

24.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

25.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

26.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

27.VI. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.

04.–10.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

19.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

21.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

25.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

28.VII. – 4 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

29.VII. – 5 males, D. VASSILEV leg. on 125 W Hg-lamp.

30.VII. – 4 males, D. VASSILEV leg. on 125 W Hg-lamp.

01.VIII. – 5 males, D. VASSILEV leg. on 125 W Hg-lamp.

02.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

03.VIII. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.

04.VIII. – 5 males and 2 females, D. VASSILEV leg. on 125 W Hg-lamp.

Strandzha Mt, Brashlyan Village:

04.VIII. – 5 males, D. DIMITROV leg. on a lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

05.VIII. – 2 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

06.VIII. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.

07.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

08.VIII. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.

09.VIII. – 4 males, D. VASSILEV leg. on 125 W Hg-lamp.

10.VIII. – 5 males, D. VASSILEV leg. on 125 W Hg-lamp.

12.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

12.VIII–12.IX. – 9 males, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.

W. Bulgaria, Zemen Gorge, Skakavitzia Railway Station:

25.VIII. – ILKO STOYCHEV leg. on 250 W Hg-lamp.

Subfamily Sarrothripinae

Nycteola asiatica (KRULIKOVSKY, 1904)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

01.-02.VI. – 1 male and 1 female specimens, D. VASSILEV leg. on 125 W Hg-lamp.

01.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

06.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

10.VIII. – 2 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

Subfamily Acontiinae

Acontia lucida (HUFNAGEL, 1766)

Volcanic Hill of Kozhuh near Petrich Town, SW Bulgaria:

12.V. – on day time, S. BESHKOV observed.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

24.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

01.VIII. – 1 male specimen, D. VASSILEV leg. on 125 W Hg-lamp.

03.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Subfamily Plusiinae

Macdunnoughia confusa (STEPHENS, 1850)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

- 14.IV. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 10.V. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 30.V. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 03.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 04.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 07.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 08.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 14.VI. – 2 females, D. VASSILEV leg. on 125 W Hg-lamp.
- 15.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 18.VI. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 19.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 21.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 22.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 24.VI. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 25.VI. – 1 male and 2 females, D. VASSILEV leg. on 125 W Hg-lamp.
- 26.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 27.VI. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.

Resseletz Village, Tchernven Bryag Region:

- 16.–22.VII. – 1 male, N. KODZHABASHEV leg. on a lamp.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

- 18.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 28.VII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 29.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 01.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 02.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 03.VIII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 05.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 06.VIII. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 07.VIII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 08.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 10.VIII. – 2 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
- 12.VIII. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.
- 13.VIII. – 2 females and 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
- 12.VIII.–12.IX. – 2 males, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.

W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:

- 25.VIII. – 2 specimens, ILKO STOYCHEV leg. on 250 W Hg-lamp.

Kresna Gorge, Stara Kresna Railway Station:

- 28.X. – 1 specimen, S. BESHKOV & I. STOYCHEV leg. on 400 W Hg-lamp.

Autographa gamma (LINNAEUS, 1758)

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

03.VI. – 2 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

04.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

06.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

07.VI. – 3 females, D. VASSILEV leg. on 125 W Hg-lamp.

08.VI. – 1 male and 3 females, D. VASSILEV leg. on 125 W Hg-lamp.

11.VI. – 6 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

14.VI. – 3 males specimens, D. VASSILEV leg. on 125 W Hg-lamp.

15.VI. – 6 males and 3 females, D. VASSILEV leg. on 125 W Hg-lamp.

17.VI. – 4 males and 3 females, D. VASSILEV leg. on 125 W Hg-lamp.

18.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Sredna Gora Range, "Geshenka" near Luda Yana River, Panagiurishte Region, 600 m:

19.VI. – 1 pupa, S. LAZAROV leg., emerged in Sofia, 20.VI.1994.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

20.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

21.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

22.VI. – 5 males, D. VASSILEV leg. on 125 W Hg-lamp.

23.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

24.VI. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.

25.VI. – 2 males and 2 females, D. VASSILEV leg. on 125 W Hg-lamp.

West Rhodopi Mt., Oryahovetz Village, 780 m:

25.VI. – 1 female, P. MITOV leg. resting on a lamp.

26.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Troyanska Stara Planina Mt., the upper Station of the Sopot lift, 1400 m:

11.VII. – many wings of specimens, which have been eaten by bats, S. BESHKOV leg.

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 3 males, S. BESHKOV leg. on 400 W Hg-lamp.

18.VII. – 2 females and 1 male, BESHKOV leg. on 400 W Hg-lamp.

Resseletz Village, Tcherven Bryag Region:

16.–22.VII. – 1 male, N. KODZHABASHEV leg. on a lamp.

Kaloferska Stara Planina Mt., Botev Top, 2376 m:

19.VII. – 1 female, S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

18.VII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

25.VII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

28.VII. – 2 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

29.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

30.VII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

01.VIII. – 2 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

02.VIII. – 4 males, D. VASSILEV leg. on 125 W Hg-lamp.

- 03.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
04.VIII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
Strandzha Mt, Brashlyan Village:
04.VIII. – 1 female, D. Dimitrov leg. on a lamp.
“Kalimok” Research Station on the Danube River near to Nova Tcherana Village, Tutrak. Reg.:
05.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
06.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
08.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
09.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
10.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
13.VIII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
12.VIII.–12.IX. – 10 males and 1 female, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.
W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:
25.VIII. – 3 specimens, ILKO STOYCHEV leg. on 250 W Hg-lamp.
Plovdiv, on the lamps in the town:
19.IX. – 1 specimen, S. BESHKOV & V. TSCHIKOLOWEZ leg.
East Rhodopi Mt., Sredna Arda Railway Station:
20.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg on day time.
East Rhodopi Mt., Studen Kladenetz v.:
21.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg on 400 W Hg-lamp.
East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:
22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg on 400 W Hg-lamp and “sugaring”
Black Sea Coast, between Ravda and Nessebar, 2 km north of Ravda:
07.X. – in great quantity flying in sunsat, D. VASSILEV collected 2 female specimens.
“Kalimok” Research Station on the Danube River near to Nova Tcherana Village, Tutrakan
Region:
10.–15.X. – 3 males, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.
Black Sea Coast, Ahtopol Town:
15.X. – many specimens flying by day, S. BESHKOV observed.
Black Sea Coast, Sinemoretz Village:
15.–16.X. – several specimens, S. BESHKOV leg. on 400 W Hg-lamp.
15.–17.X. – many specimens flying by day and visiting the flowers of *Ecballium elaterium*,
S. BESHKOV observed.
Black Sea Coast, Carevo (Michurin) Town:
17.X. – some specimens, S. BESHKOV leg. on 400 W Hg-lamp.

Trichoplusia ni (HÜBNER, [1803])

- “Kalimok” Research Station on the Danube River near to Nova Tcherana Village, Tutrakan
Region:
11.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
03.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
12.VIII.–12.IX. – 1 male, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.

Chrysodeixis chalcites (ESPER, [1789])

- East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:
22.IX. – 1 specimen, S. BESHKOV & V. TSCHIKOLOWEZ leg on 400 W Hg-lamp.

Subfamily Cuculliinae

Cucullia absynthii (LINNAEUS, 1761)

Resseletz Village, Tcherven Bryag Region:

16.–22.VII. – 1 male, N. KODZHABASHEV leg. on a lamp.

Amphipyra pyramidea (LINNAEUS, 1758)

Sofia:

24.VIII. – 1 male (Gen. det.), S. BESHKOV leg.

W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:

25.VIII. – ILKO STOYCHEV leg. on "sugaring"

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 1 male specimen (Gen. det.), S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 1 female specimen (Gen. det.), S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – 1 male and 1 female specimens (Gen. det.), S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

Amphipyra berbera svenssoni FLETCHER, 1968

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 1 male and 1 female specimens (Gen. det.), S. BESHKOV leg. on 400 W Hg-lamp.

Sofia:

15.–18.VII. – 1 male specimen (Gen. det.), R. PANDURSKA leg.

Subfamily Heliothinae

Heliothis maritima bulgarica (DRAUDT, 1938)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

01.–02.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

03.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

04.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

08.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

11.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

14.VI. – 1 female specimen, D. VASSILEV leg. on 125 W Hg-lamp.

28.VII. – 2 females, D. VASSILEV leg. on 125 W Hg-lamp.

04.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

10.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

Heliothis peltigera ([DENIS & SCHIFFERMÜLLER], 1775)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

17.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

21.VI. – 2 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

22.VI. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.

24.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

West Rhodopi Mt., Oryahovetz v., 780 m:

25.VI. – 1 female specimen, P. MITOV leg. resting on a lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

26.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 2 males, S. BESHKOV leg. on 400 W Hg-lamp.

Resseletz Village, Tchernven Bryag Region:

16.–22.VII. – 1 female, N. KODZHABASHEV leg. on a lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

20.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

Helicoverpa armigera (HÜBNER, [1808])

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

03.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

17.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

03.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

05.VIII. – 2 females, D. VASSILEV leg. on 125 W Hg-lamp.

06.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

09.VIII. – 4 males and 4 females, D. VASSILEV leg. on 125 W Hg-lamp.

10.VIII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

12.VIII. – 4 males, D. VASSILEV leg. on 125 W Hg-lamp.

13.VIII. – 6 males, D. VASSILEV leg. on 125 W Hg-lamp.

12.VIII.–12.IX. – 11 males and 6 females, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 3 females and 1 male, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 7 males and 2 females specimens, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

East Rhodopi Mt., between Koulich Village and the bridge on the Arda river near to Kotlari Village:

22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg. on day time.

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

10.–15.X. – 1 male, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.

Black Sea Coast, Sinemoretz Village:

16.X. – 1 specimen on shugaring, S. BESHKOV leg.

Protoschinia scutosa ([DENIS & SCHIFFERMÜLLER], 1775)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

07.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

08.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

13.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

Subfamily Ipimorphinae

Paradrina clavipalpis (SCOPOLI, 1763)

Sofia:

23.II. – 1 fresh female specimen, S. BESHKOV & D. VASSILEV leg. on a lamp in a room on the 7th floor.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

07.V. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

East Rhodopi Mt, Siv Kladenetz Village, Ivailovgrad Region, 22.–23.V. – 2 males, S. BESHKOV leg.

Sofia:

03.VII. – S. BESHKOV leg.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

04.–10.VII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

Hoplodrina blanda ([DENIS & SCHIFFERMÜLLER], 1775)

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

15.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Resseletz Village, Tchernven Bryag Region:

16.–22.VII. – 2 males, N. KODZHABASHEV leg. on a lamp.

Spodoptera exigua (HÜBNER, [1808])

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

15.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

17.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

18.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

22.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

25.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

21.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

28.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

30.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

02.VIII. – 4 males, D. VASSILEV leg. on 125 W Hg-lamp.

- 03.VIII. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.
 06.VIII. – 4 males, D. VASSILEV leg. on 125 W Hg-lamp.
 07.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
 08.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
 09.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
 12.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
 13.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
 East Rhodopi Mt., Sredna Arda Railway Station:
 20.IX. – 8 males and 7 females, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.
 East Rhodopi Mt., Studen Kladenetz Village:
 21.IX. – 7 males and 2 females, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 Hg-lamp.
 East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:
 22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp.
 Black Sea Coast, Sinemoretz Village:
 16.X. – 1 specimen, S. BESHKOV leg. on 400 W Hg-lamp.

Phlogophora meticulosa (LINNAEUS, 1758)

Vitosha Mt. Tchuipehtlyovo Village:

- 12.V. – 1 female on day time, N. KODZHABASHEV leg.

Resseletz Village, Tchernven Bryag Region:

- 16.–22.VII. – 1 male, N. KODZHABASHEV leg. on a lamp.

W. Bulgaria, Zemen Gorge, Skakavitzza Railway Station:

- 25.VIII. – ILKO STOYCHEV leg. on "sugaring"

Sofia:

- 13.X. – 1 specimen, S. BESHKOV leg.

Black Sea Coast, Sinemoretz Village:

- 16.X. – 2 specimens, S. BESHKOV leg. on 400 W Hg-lamp.

Black Sea Coast, Carevo (Michurin) Town:

- 17.X. – 1 specimen, S. BESHKOV observed.

Subfamily Hadeninae

Mamestra brassicae (LINNAEUS, 1758)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

- 13.V. – D. VASSILEV leg. on a lamp.

- 11.VI. – 1 female specimens, D. VASSILEV leg. on 125 W Hg-lamp,

- 04.–10.VII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

- 07.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

Mythimna albipuncta ([DENIS & SCHIFFERMÜLLER], 1775)

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

- 04.V. – 1 female, D. VASSILEV leg. on a lamp.

SW Bulgaria, Melnik Town, Sandanski Region:

11.V. – S. BESHKOV leg. on 125 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

25.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 1 male and 1 female, S. BESHKOV leg. on 400 W Hg-lamp.

Resseletz Village, Tchernven Bryag Region:

16.–22.VII. – 8 males and 3 females, N. KODZHABASHEV leg. on a lamp.

W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:

25.VIII. – numerous specimens, I. KO STOYCHEV leg. on "sugaring" and 250 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

12.VIII.–12.IX. – 1 male, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 1 female on "sugaring", S. BESHKOV & V. TSCHIKOLOWEZ leg.

Mythimna vitellina (HÜBNER, [1808])

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

01.–02.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

03.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

04.VI. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.

08.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

17.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

21.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

02.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

03.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

04.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.

05.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

06.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

07.VIII. 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

09.VIII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

12.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

13.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

12.VIII.–12.IX. – P. ZEHTINDZHIEV leg. 1 male on 125 W Hg-lamp.

W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:

25.VIII. – I. STOYCHEV leg. on "sugaring" and on 250 W Hg-lamp.

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 1 female, S. BESHKOV & V. TSCHIKOLOWEZ leg. on "sugaring"

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

10.–15.X. – 5 males, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.

Mythimna l-album (LINNAEUS, 1758)

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

23.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 1 male on day time, S. BESHKOV & V. TSCHIKOLOWEZ leg.

Black Sea Coast, Sinemoretz Village:

16.X. – 1 specimen S. BESHKOV leg. on 400 W Hg-lamp.

Acantholeucania loreyi (DUPONCHEL, 1827)

W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:

25.VIII. – 4 specimens, ILKO STOYCHEV leg. on "sugaring" and on 250W Hg-lamp.

Black Sea Coast, Sinemoretz Village:

16.X. – 1 specimen observed resting on a lamp in the village and another specimen observed on "sugaring", S. BESHKOV leg.

Kresna Gorge, Stara Kresna Railway Station:

28.X. – single specimen on "sugaring", S. BESHKOV & I. STOYCHEV leg.

Sofia:

02.XI. – D. VASSILEV leg. resting on a lamp.

Pseudaletia unipuncta (HAWORTH, 1809)

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 1 male on 400 W Hg-lamp, S. BESHKOV & V. TSCHIKOLOWEZ leg.

Kresna Gorge, Stara Kresna Railway Station:

28.X. – S. BESHKOV & I. STOYCHEV leg. on "sugaring"

Subfamily Noctuidae

Tribe Noctuini

Noctua pronuba LINNAEUS, 1758

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

19.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Troyanska Stara Planina Mt., the upper Station of the Sopot lift, 1400 m:

11.VII. – many wings of specimens, which have been eaten by bats, S. BESHKOV leg.

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 1 female, S. BESHKOV leg. on 400 W Hg-lamp.

14.VII. – 1 female, S. BESHKOV leg. on 400 W Hg-lamp.

Kaloferska Stara Planina Mt., Botev Top, 2376 m:

19.VII. – 1 female, S. BESHKOV leg. on 400 W Hg-lamp.

W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:

25.VIII. – ILKO STOYCHEV leg. on 250W Hg-lamp.

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 2 specimens, S. BESHKOV & V. TSCHIKOLOWEZ leg. on "sugaring"

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 1 female on a light and 1 female on "sugaring", S. BESHKOV & V. TSCHIKOLOWEZ leg.

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp and "sugaring"

Sofia:

28.IX. – 1 male, S. BESHKOV leg.

Black Sea Coast, Sinemoretz Village:

15.–16.X. – several specimens, S. BESHKOV leg. on 400 W Hg-lamp and on "sugaring"

Black Sea Coast, Carevo (Michurin) Town:

17.X. – several specimens, S. BESHKOV leg. on 400 W Hg-lamp and on "sugaring"

Sofia:

26.X. – near 20 specimens, collected 1 female of them, D. VASSILEV leg. on a lamp in the town.

Kresna Gorge, Stara Kresna Railway Station:

28.X. – 1 female, S. BESHKOV & I. STOYCHEV leg. on 400 W Hg-lamp.

Lampra fimbriata (SCHREBER, 1759)

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

12.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

17.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

18.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

19.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

26.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

Troyanska Stara Planina Mt., the upper Station of the Sopot lift, 1400 m:

11.VII. – many wings of specimens which have been eaten by bats, S. BESHKOV leg.

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 3 females (Gen. det.), S. BESHKOV leg. on 400 W Hg-lamp.

18.VII. – 1 female, S. BESHKOV leg. on 400 W Hg-lamp.

Kaloferska Stara Planina Mt., Botev Top, 2376 m:

19.VII. – 1 female, S. BESHKOV leg. on 400 W Hg-lamp.

Xestia c-nigrum (LINNAEUS, 1758)

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

09.VI. – 1 male,

11.VI. – 1 male;

Resseletz Village, Tchernven Bryag Region:

16.–22.VII. – 8 males and 1 female, N. KODZHABASHEV leg. on a lamp.

"Kalimok" Research Station on the Danube River near to Nova Tcherana Village, Tutrakan Region:

12.VIII.–12.IX. – 1 male, P. ZEHTINDZHEV leg. on 125 W Hg-lamp.

W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:

25.VIII. – 5 specimens, IUKO STOYCHEV leg. on "sugaring"

Black Sea Coast, Sinemoretz Village:

16.X. – 1 specimen, S. BESHKOV leg. on 400 W Hg-lamp.

Tribe Agrotini

Peridroma saucia (HÜBNER, [1808])

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 1 male, S. BESHKOV leg. on 400 W Hg-lamp.

W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:

25.VIII. – 1 specimen, I. STOYCHEV leg. on "sugaring"

East Rhodopi Mt., Sredna Arda Railway Station:

20.IX. – 3 females and 1 male on "sugaring", S. BESHKOV & V. TSCHIKOLOWEZ leg.

East Rhodopi Mt., Studen Kladenetz Village:

21.IX. – 1 male and 1 female on "sugaring", S. BESHKOV & V. TSCHIKOLOWEZ leg.

East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:

22.IX. – several specimens, S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp and "sugaring"

Black Sea Coast, Carevo (Michurin) Town:

17.X. – 1 specimen observed on 400 W Hg-lamp.

Sofia:

XI.–XII. – 1 dry male specimen in a room, S. BESHKOV leg.

Agrotis ipsilon (HUFNAGEL, 1766)

Sakar Mt, above Dossiteevo Village:

20.III. – S. BESHKOV & S. ABADJIEV leg. on 400 W Hg-lamp.

East Rhodopi Mts, Siv Kladenetz Village:

22.–23.V. – S. BESHKOV leg. 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

01.–02.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

13.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

15.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

24.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

Troyanska Stara Planina Mt., the upper Station of the Sopot lift, 1400 m:

11.VII. – many wings of specimens which have been eaten by bats, S. BESHKOV leg.

Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:

11.VII. – 1 female and 2 males, S. BESHKOV leg. on 400 W Hg-lamp.

14.VII. – 2 females, S. BESHKOV leg. on 400 W Hg-lamp.

"Kalimok" Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

12.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

13.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

12.VIII.–12.IX. – 3 females and 1 male specimen, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.

East Rhodopi Mt., Sredna Arda Railway Station:

- 20.IX. – 5 females and 4 males on “sugaring”, S. BESHKOV & V. TSCHIKOLOWEZ leg.
East Rhodopi Mt., Studen Kladenetz Village:
21.IX. – 1 specimen on “sugaring”, S. BESHKOV & V. TSCHIKOLOWEZ leg.
East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:
22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg. on 400 W Hg-lamp and “sugaring”
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan
Region:
10.–15.X. – 1 male, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.
Black Sea Coast, Carevo (Michurin) Town:
17.X. – 1 specimen, S. BESHKOV leg. on 400 W Hg-lamp.
Sofia:
27.X. – 1 female specimen, D. VASSILEV leg. on a lamp.

Agrotis exclamationis (LINNAEUS, 1758)

- “Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan
Region:
04.V. – 1 male, D. VASSILEV leg.
10.V. – 6 males, D. VASSILEV leg.
SW Bulgaria, Melnik Town, Sandanski Region:
11.V. – S. BESHKOV leg. on 125 W Hg-lamp.
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan
Region:
16.V. – 3 males, D. VASSILEV leg. on a lamp.
19.–24.V. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
East Rhodopi Mts, Siv Kladenetz Village:
22.–23.V. – S. BESHKOV leg. on 400 W Hg-lamp.
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan
Region:
25.–26.V. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
27.V. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
01.–02.VI. – 3 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
03.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
04.VI. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
07.VI. – 2 females and 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
08.VI. – 5 males, D. VASSILEV leg. on 125 W Hg-lamp.
12.VI. – 1 specimen, D. VASSILEV leg. on 125 W Hg-lamp.
13.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
15.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
Iskretz Village near Svoje Town, Sofia Region:
17.VI. – 3 specimens, S. BESHKOV leg. on 400 W Hg-lamp.
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan
Region:
20.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
21.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
25.VI. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
26.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.

- 27.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
04.–10.VII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:
11.VII. – 1 male, S. BESHKOV leg. on 400 W Hg-lamp.
14.VII. – 1 male and 1 female specimen, S. BESHKOV leg. on 400 W Hg-lamp.
18.VII. – 1 female, S. BESHKOV leg. on 400 W Hg-lamp.
Resseletz Village, Tcherven Bryag Region:
16.–22.VII. – 15 males and 4 females, N. KODZHABASHEV leg. on a lamp.
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:
28.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
29.VII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
30.VII. – 3 males, D. VASSILEV leg. on 125 W Hg-lamp.
01.VIII. – 3 males and 2 females, D. VASSILEV leg. on 125 W Hg-lamp.
02.VIII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
03.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
04.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
Strandzha Mt, Brashlyan Village:
04.VIII. – 1 female, D. DIMITROV leg. on a lamp.
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:
05.VIII. – 2 males and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
06.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
08.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
09.VIII. – 4 males, D. VASSILEV leg. on 125 W Hg-lamp.
10.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
12.VIII. – 2 males and 2 females, D. VASSILEV leg. on 125 W Hg-lamp.
13.VIII. – 2 males, D. VASSILEV leg. on 125 W Hg-lamp.
12.VIII.–12.IX. – 1 male, P. ZEHTINDZHEV leg. on 125 W Hg-lamp.
W. Bulgaria, Zemen Gorge, Skakavitza Railway Station:
25.VIII. – several specimens, I. STOYCHEV leg. on “sugaring” and on 250 W Hg-lamp.

Agrotis segetum ([DENIS & SCHIFFERMÜLLER], 1775)

“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:

- 04.V. – 2 females, D. VASSILEV leg. on a lamp.
07.V. – 1 male and 2 females, D. VASSILEV leg. on a lamp.
10.V. – 1 male, D. VASSILEV leg. on a lamp.
12.V. – 1 male, D. VASSILEV leg. on a lamp.
13.V. – 1 male, D. VASSILEV leg. on a lamp.
14.V. – 1 male, D. VASSILEV leg. on a lamp.
East Rhodopi Mt, Siv Kladenetz Village, Ivailovgrad Region:
22.–23.V. – 1 male, S. BESHKOV leg. on 400 W Hg-lamp.
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:
25.–26.V. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.

- 27.V. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
28.V. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
30.V. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
01.–02.VI. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
04.VI. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
04.–10.VII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
Troyanska Stara Planina Mt., Dobrila Chalet, 1750 m:
11.VII. – 10 males and 8 females, S. BESHKOV leg. on 400 W Hg-lamp.
14.VII. – 2 females, S. BESHKOV leg. on 400 W Hg-lamp.
Resseletz Village, Tcherven Bryag Region:
16.–22.VII. – 2 males and 1 female, N. KODZHABASHEV leg. on a lamp.
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:
19.VII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
20.VII. – 1 male and 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
21.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
28.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
29.VII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
01.VIII. – 1 male, D. VASSILEV leg. on 125 W Hg-lamp.
02.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
13.VIII. – 1 female, D. VASSILEV leg. on 125 W Hg-lamp.
East Rhodopi Mt., Sredna Arda Railway Station:
20.IX. – 1 female on “sugaring”, S. BESHKOV & V. TSCHIKOLOWEZ leg.
East Rhodopi Mt., Momina Skala Chalet near Madzharovo Town:
22.IX. – S. BESHKOV & V. TSCHIKOLOWEZ leg. on “sugaring”.
Sofia:
28.IX. – 1 male, S. BESHKOV leg.
“Kalimok” Research Station on the Danube River near to Nova Tchernia Village, Tutrakan Region:
10.–15.X. – 1 male, P. ZEHTINDZHIEV leg. on 125 W Hg-lamp.
Black Sea Coast, Carevo (Michurin) Town:
17.X. – 1 specimen, S. BESHKOV leg. on 400 W Hg-lamp.

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References

ARBEITSGEMEINSCHAFT NORDBAYERISCHER ENTOMOLOGEN (1988): Prodomos der Lepidopterenfauna Nordbayerns. – *Neue Entomologische Nachrichten* **23**: 1–159.

- BECK, H., KOBES, L. & M. AHOLA (1993): Die generische Aufgliederung von *Noctua* LINNAEUS, 1758 (Lepidoptera, Noctuidae, Noctuinae). – *Atalanta* **24** (1/2): 207–264.
- EITSCHBERGER, U., REINHARDT, R., STEINIGER, H. & G. BREHM (1991): Wanderfalter in Europa (Lepidoptera). – *Atalanta* **22** (1): 67+XVI pp.
- FIBIGER, M. (1993): Noctuinae II. Noctuidae Europeae. Vol. 2. 230 pp. Sorø.
- FIBIGER, M. & H. HACKER (1990): Systematic List of the Noctuidae of Europe. – *Esperiana* **2**: 1–109.
- LERAUT, P. (1980): Liste systematique et synonymique des Lepidopteres de France, Belgique et Corse. – Supplement a Alexanor. Paris.

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